



SPYWOLF

Security Audit Report



Completed on
June 5, 2022

MADE IN USA 

 @SPYWOLFNETWORK

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 SPYWOLF.CO



OVERVIEW

This audit has been prepared for **RevoDao** to review the main aspects of the project to help investors make an informative decision during their research process.

You will find a summarized review of the following key points:

- ✓ Contract's source code
- ✓ Owners' wallets
- ✓ Tokenomics
- ✓ Team transparency and goals
- ✓ Website's age, code, security and UX
- ✓ Whitepaper and roadmap
- ✓ Social media & online presence

“

The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal

”

- SPYWOLF Team -





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RevoDAO



PROJECT DESCRIPTION

According to their whitepaper:

RevoDao is an ecosystem built around a sustainable auto compounding token which leverages users tokens automatically.

The \$RVD Token is an auto compounding, self sustaining rebase contract which allows uninterrupted earning for holders.

User's tokens do not need to be moved into a staking contract in order to receive rebase rewards, allowing users to hold their own tokens.

Token holder's will benefit access to premium Rresearch services, airdrops and different staking rewards.

Future development for the project will be as follows:

NFT marketplace, NFT creation, NFT Staking.

Category: Rebase token, DAO

01



CONTRACT INFO

Contract Name

RevoDAO

Symbol

\$RVD

Contract Address

0xa2ebeBFde18c8b99cA58Cb6d8fFBDA0Ba3EBBc8C

Network

Binance Smart Chain

Language

Solidity

Deployment Date

June 02, 2022

Verified?

Yes

Total Supply

500,000

Status

Not launched

TAXES

Buy Tax

7%

Sell Tax

8%

*Fees can not be changed in future



Our Contract Review Process

The contract review process pays special attention to the following:

- ✓ Testing the smart contracts against both common and uncommon vulnerabilities
- ✓ Assessing the codebase to ensure compliance with current best practices and industry standards.
- ✓ Ensuring contract logic meets the specifications and intentions of the client.
- ✓ Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- ✓ Thorough line-by-line manual review of the entire codebase by industry experts.

Blockchain security tools used:

- OpenZeppelin
- Mythril
- Solidity Compiler
- Hardhat



CURRENT STATS

(As of June 05, 2022)



Liquidity

Not added yet

*Autorebase must
be disabled before
adding initial LP*



Burn

No burnt tokens

Status:
Not Launched!

MaxTxAmount
No limit

Rebase token with
dynamic supply

LP Address(es)

Liquidity not added yet



TOKEN TRANSFERS STATS

Transfer Count	1
Uniq Senders	1
Uniq Receivers	1
Total Amount	500000 \$RVD
Median Transfer Amount	500000 \$RVD
Average Transfer Amount	500000 \$RVD
First transfer date	2022-06-02
Last transfer date	2022-06-02
Days token transferred	1

SMART CONTRACT STATS

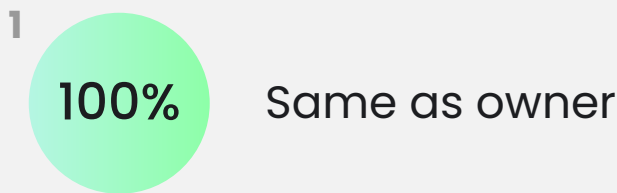
Calls Count	1
External calls	1
Internal calls	0
Transactions count	1
Uniq Callers	1
Days contract called	1
Last transaction time	2022-06-02 06:15:42 UTC
Created	2022-06-02 06:15:42 UTC
Create TX	0x3136ab3ba692f2e3365b079bb832a73df0d39874857b9ce8066a32c4e946da6d
Creator	0xc01a840c5fb4cdale4ea6a4270578f49bdc695cb



FEATURED WALLETS

Owner address	0xc01a840C5Fb4cDale4eA6a4270578f49bDC695cB
Treasury receiver	Same as owner
FirePit	0x8ad124a412517B22a61CDB2489E81a9479383258
Auto liquidity receiver	0xE9d525aAF77a15126ef0098787ACb7f5d59a8E8d
RevoDao Insurance Fund Receiver	0x25DF5Fdd42f0241A07Faef69F409E169D552048c
LP address	Liquidity not added yet

TOP 3 UNLOCKED WALLETS





VULNERABILITY CHECK

Design Logic	Passed
Compiler warnings.	Passed
Private user data leaks	Passed
Timestamp dependence	Passed
Integer overflow and underflow	Passed
Race conditions and reentrancy. Cross-function race conditions	Passed
Possible delays in data delivery	Passed
Oracle calls	Passed
Front running	Passed
DoS with Revert	Passed
DoS with block gas limit	Passed
Methods execution permissions	Passed
Economy model	Passed
Impact of the exchange rate on the logic	Passed
Malicious Event log	Passed
Scoping and declarations	Passed
Uninitialized storage pointers	Passed
Arithmetic accuracy	Passed
Cross-function race conditions	Passed
Safe Zeppelin module	Passed
Fallback function security	Passed



THREAT LEVELS

When performing smart contract audits, our specialists look for known vulnerabilities as well as logical and access control issues within the code. The exploitation of these issues by malicious actors may cause serious financial damage to projects that failed to get an audit in time. We categorize these vulnerabilities by the following levels:

High Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Medium Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Low Risk

Issues on this level are minor details and warning that can remain unfixed.

Informational

Information level is to offer suggestions for improvement of efficacy or security for features with a risk free factor.



FOUND THREATS

⚠ Medium Risk

This is rebase token with dynamic supply. Maximum supply can be 3,250,000,000 tokens. Current supply is 500,000 tokens. This can lead to token price inflation over time.

- Owner can turn on/off rebase.

```
function setAutoRebase(bool _flag) external onlyOwner {
    if (_flag) {
        _autoRebase = _flag;
        _lastRebasedTime = block.timestamp;
    } else {
        _autoRebase = _flag;
    }
}
```

Owner can blacklist contracts from interaction with the token. If liquidity pair is added to blacklist, this will lead to inability to trade.

```
function setBotBlacklist(address _botAddress, bool _flag)
    external
    onlyOwner
{
    require(
        isContract(_botAddress),
        "only contract address, not allowed exteranlly owned account"
    );
    blacklist[_botAddress] = _flag;
}
```

- Recommendation:
 - Good practice is to exclude the liquidity pair from restrictions such as blacklist, fees deduction, wallet and transaction limit.



RECOMMENDATIONS FOR

GOOD PRACTICES

1

Consider fundamental tradeoffs

2

Be attentive to blockchain properties

3

Ensure careful rollouts

4

Keep contracts simple

5

Stay up to date and track development

PROJECT NAME

GOOD PRACTICES FOUND

- ✓ The owner cannot mint new tokens after deployment
- ✓ The owner can not set a transaction limit
- ✓ The smart contract utilizes "SafeMath" to prevent overflows

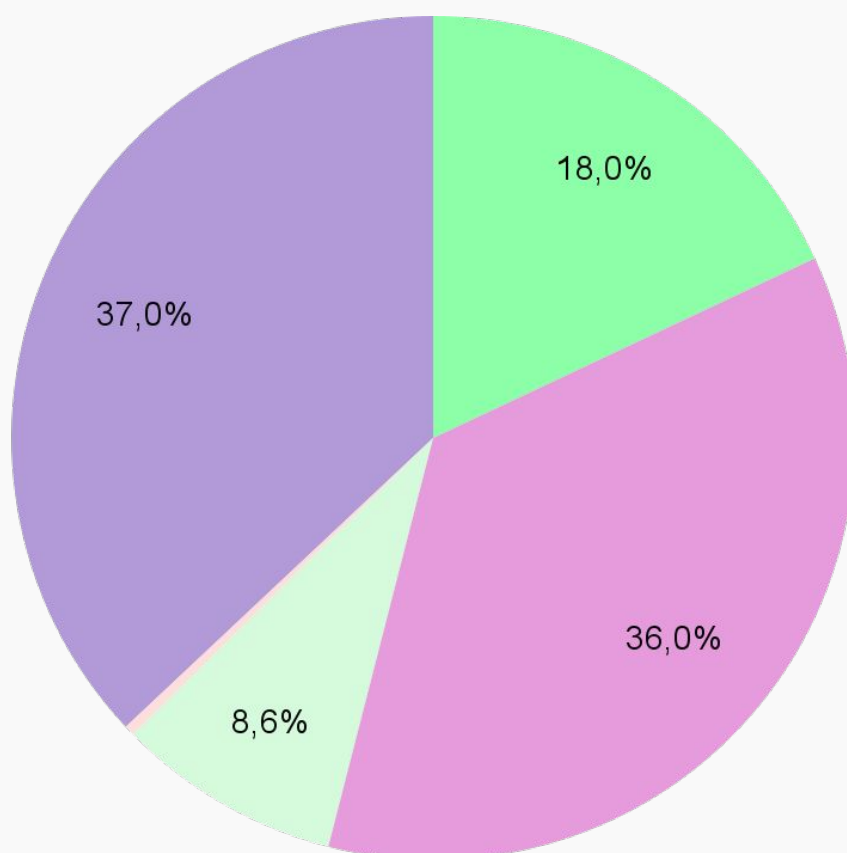


*The following tokenomics are based on the project's whitepaper and/or website:

- 36% - Presale
- 18% - Liquidity
- 37% - Undescribed
- 8.6% - RevoDAO Trust fund
- 0.4% - Presale fees

Token Distribution

- Liquidity
- Presale
- RevoDAO Trust fund
- Presale fees
- Undescribed



TOKENOMICS



THE TEAM

The team at SAFUFIDE has privately doxxed to SPYWOLF by completing the following KYC requirements:

- ID Verification
- Video statement
- Video interview with devs
- Owner's wallet verification

KYC INFORMATION

Issuer

SPYWOLF

Members



KYC Date

June 6, 2022

Format

Image

Certificate Link

https://spywolf.network/assets/kyc/2022/june/KYC_RevoDAO_0xa2ebeBFde18c8b99cA58Cb6d8fFBDA0Ba3EBBc8C.png



**Website URL**

<https://rvdfinance.com/>

Domain Registry

www.publicdomainregistry.com

Domain Expiration

Expires on 2023-05-09

Technical SEO Test

Passed

Security Test

Passed. SSL certificate present

Design

Single page, appropriate color scheme.

Content

The information helps new investors understand what the product does right away.
No grammar errors found.

Whitepaper

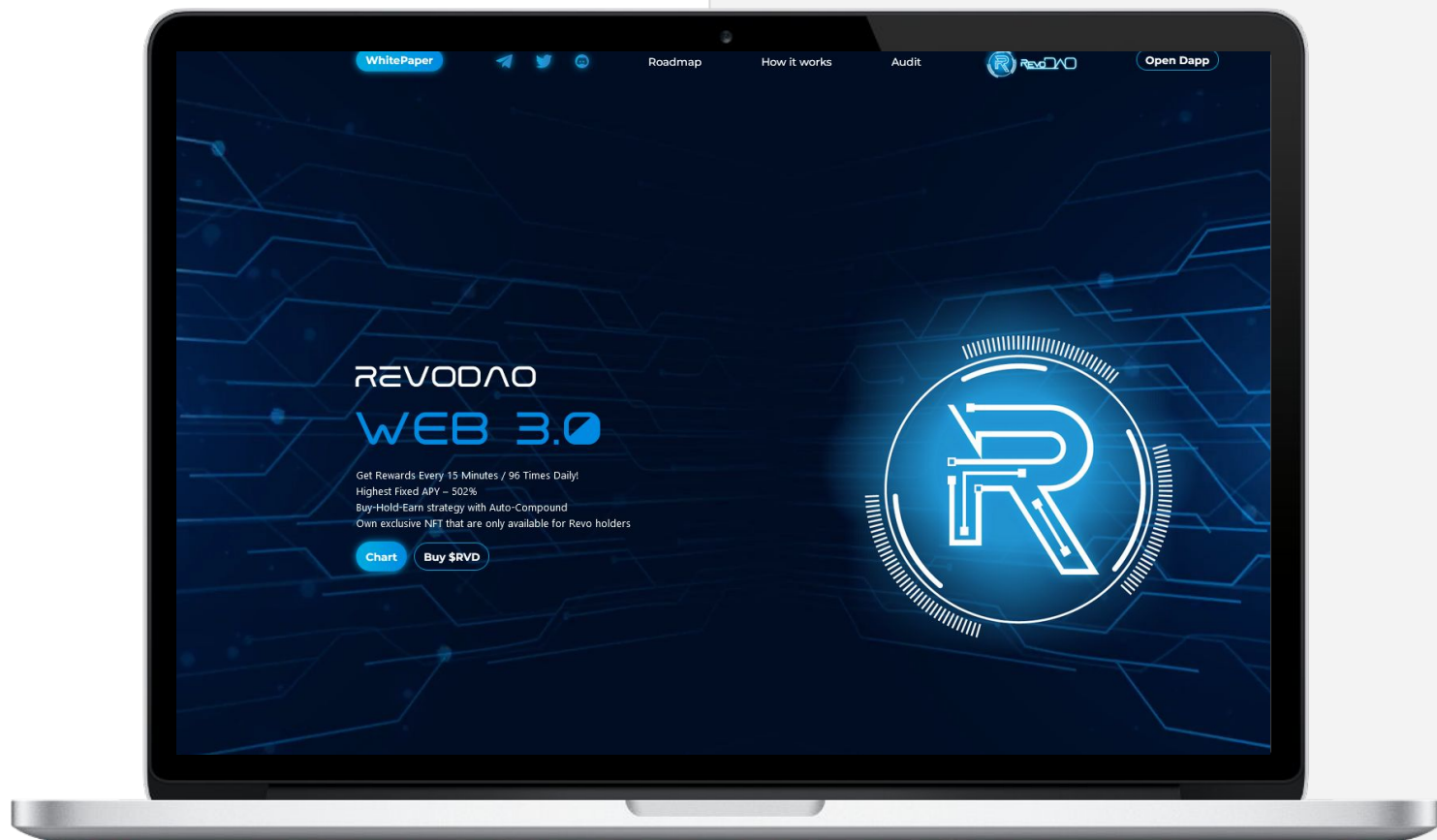
Well written, explanatory.

Roadmap

Yes, goals set at 6 phases with time frames.

Mobile-friendly?

Yes



rvdfinance.com

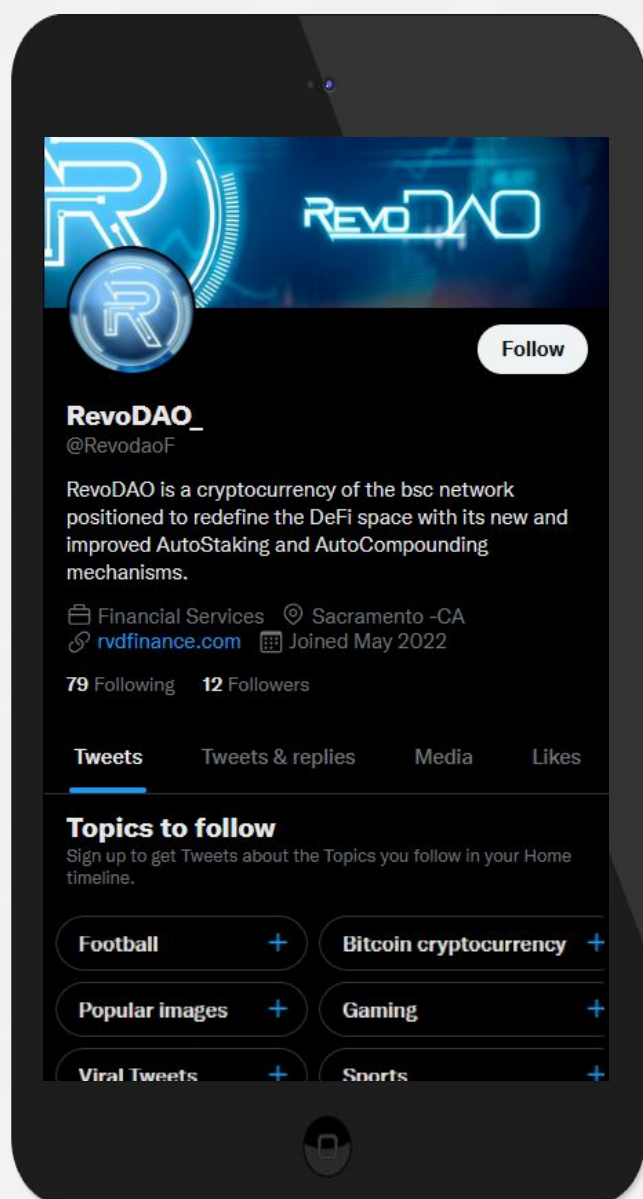


SOCIAL MEDIA & ONLINE PRESENCE



ANALYSIS

The project's social media presence is very new and may raise some red flags within potential investors.



Twitter

@RevodaoF

- 12 followers
- Responds to comments
- Daily posts



Discord

<https://discord.gg/gBjK>
hhdZHZ

- 3 members



Telegram

@RevoDAO

- 9 members
- Active mods and devs
- Daily announcements



Medium

- Not available



SPYWOLF

CRYPTO SECURITY

Audits | KYCs | dApps
Contract Development

ABOUT US

We are a growing crypto security agency offering audits, KYCs and consulting services for some of the top names in the crypto industry.

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Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.